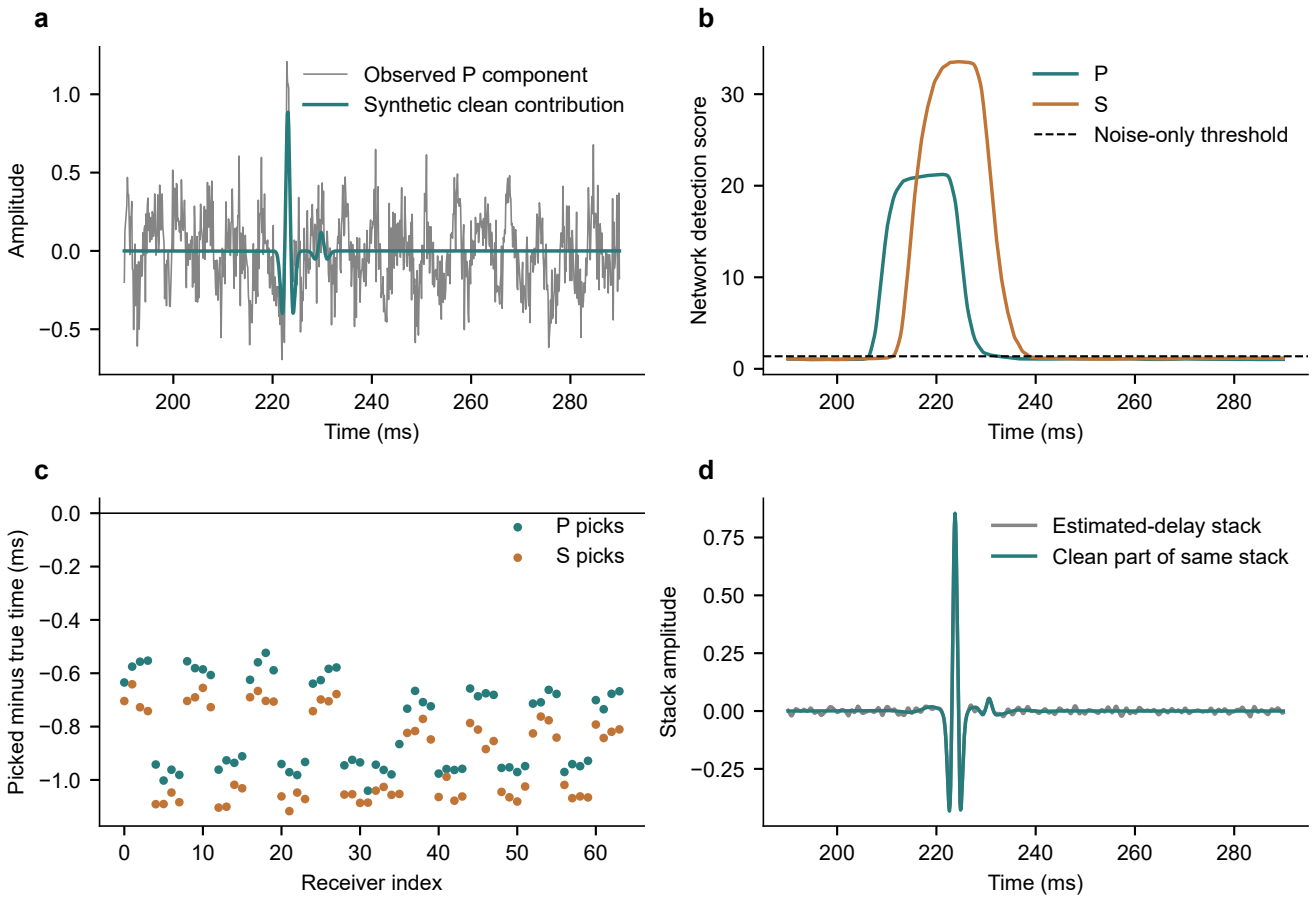

a
Observed P component
Synthetic clean contribution
Amplitude
1.0
0.5
0.0
−0.5
200
220
240
260
280
Time (ms)
b
P
S
Noise-only threshold
Network detection score
30
20
10
0
200
220
240
260
280
Time (ms)
c
P picks
S picks
Picked minus true time (ms)
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
0
10
20
30
40
50
60
Receiver index
d
Estimated-delay stack
Clean part of same stack
Stack amplitude
0.75
0.50
0.25
0.00
−0.25
200
220
240
260
280
Time (ms)